## Federal Aviation Administration, DOT

#### Pt. 23

23.155 Elevator control force in maneuvers.

TRIM

STABILITY

23.177 Static directional and lateral sta-

STALLS

23.173 Static longitudinal stability. 23.175 Demonstration of static longitudinal

23.157 Rate of roll.

23.161 Trim.

23.171 General.

stability.

23.181 Dynamic stability.

bility.

### §21.621 Transferability and duration.

A TSO authorization or letter of TSO design approval issued under this part is not transferable and is effective until surrendered, withdrawn, or otherwise terminated by the Administrator.

# PART 23—AIRWORTHINESS STAND-ARDS: NORMAL, UTILITY, ACRO-BATIC, AND COMMUTER CAT-**EGORY AIRPLANES**

SPECIAL FEDERAL AVIATION REGULATIONS

SFAR No. 23

23.151

23.149 Minimum control speed.

Acrobatic maneuvers. 23.153 Control during landings.

#### 23.201 Wings level stall. SFAR No. 41 [NOTE] 23.203 Turning flight and accelerated turning stalls. Subpart A—General 23.207 Stall warning. Sec. SPINNING 23.1 Applicability. 23.221 Spinning. Special retroactive requirements. 23.2Airplane categories. GROUND AND WATER HANDLING CHARACTERISTICS Subpart B-Flight Longitudinal stability and control. 23.231 GENERAL 23.233 Directional stability and control. 23.235 Operation on unpaved surfaces. 23.21 Proof of compliance. 23.237 23.23 Load distribution limits. Operation on water. 23.239 Spray characteristics. 23.25 Weight limits. 23.29 Empty weight and corresponding cen-MISCELLANEOUS FLIGHT REQUIREMENTS ter of gravity. 23.31 Removable ballast. 23.251 Vibration and buffeting. 23.33 Propeller speed and pitch limits. 23.253 High speed characteristics. PERFORMANCE Subpart C—Structure 23.45 General. GENERAL 23.49 Stalling period. 23.51 Takeoff speeds. 23.301 Loads. 23.53 Takeoff performance. 23.302 Canard or tandem wing configura-23.55 Accelerate-stop distance. tions. Takeoff path. 23.303 Factor of safety. 23.59Takeoff distance and takeoff run. 23.305 Strength and deformation 23.6 23.6 23.6

		40.000	Sureing un and derormation.
23.61	Takeoff flight path.	23.307	Proof of structure.
23.63	B Climb: General.		
23.68	Climb: All engines operating.		FLIGHT LOADS
23.75	7 Climb: One engine inoperative. 9 Enroute climb/descent.	23.333 23.335 23.337 23.341	0
	FLIGHT CHARACTERISTICS		High lift devices.
23.14	11 General.	23.347 $23.349$	Unsymmetrical flight conditions. Rolling conditions.
CONTROLLABILITY AND MANEUVERABILITY		23.351 23.361	Yawing conditions. Engine torque.
23.14	43 General.	23.363	Side load on engine mount.
23.14	45 Longitudinal control.	23.365	Pressurized cabin loads.
	77 Directional and lateral control.	23.367	Unsymmetrical loads due to engine

163

failure. 23.369 Rear lift truss.

23.371 Gyroscopic and aerodynamic loads.